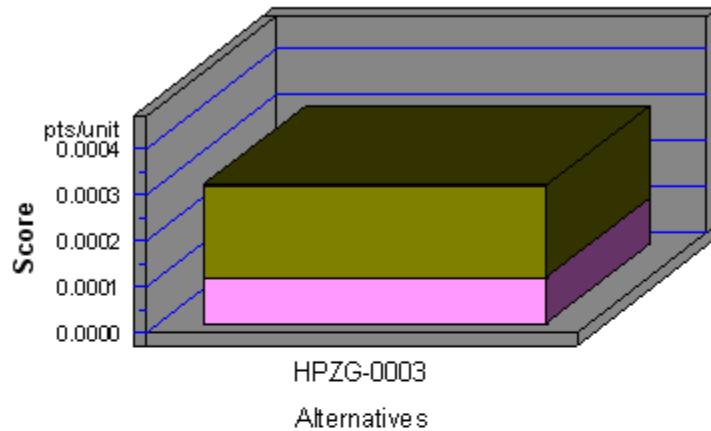


## BEES Results: Disposable Tableware

Units: 1 disposable plate

### Environmental Performance

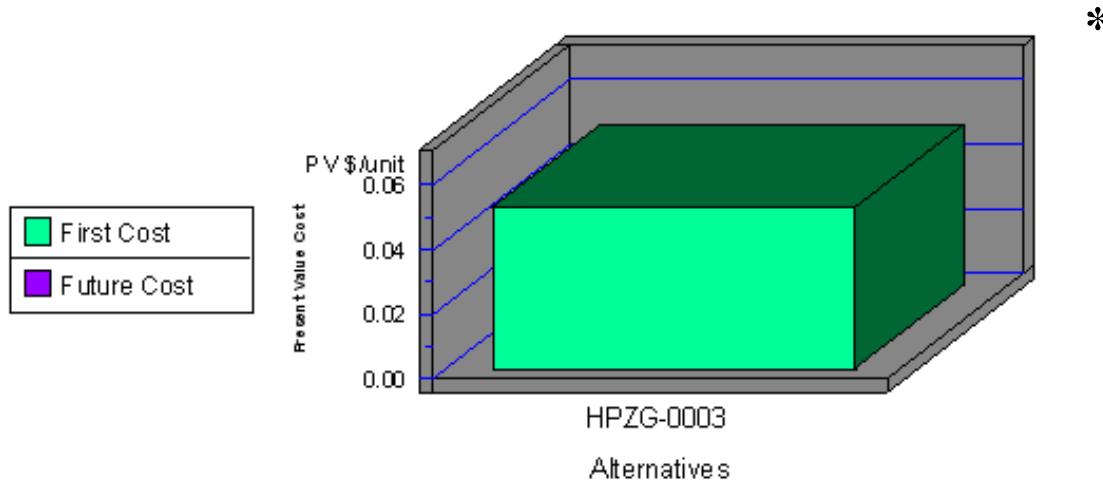


Note: Lower values are better

Category	HPZG-0003
Acidification-5%	0.0000
Crit. Air Pollutants-6%	0.0000
Ecolog. Toxicity-11%	0.0002
Eutrophication-5%	0.0000
Fossil Fuel Depl.-5%	0.0001
Global Warming-16%	0.0000
Habitat Alteration-16%	0.0000
Human Health-11%	0.0000
Indoor Air-11%	0.0000
Ozone Depletion-5%	0.0000
Smog-6%	0.0000
Water Intake-3%	0.0000
<b>Sum</b>	<b>0.0003</b>

**BEES Results: Disposable Tableware**  
**Units: 1 disposable plate**

## Economic Performance

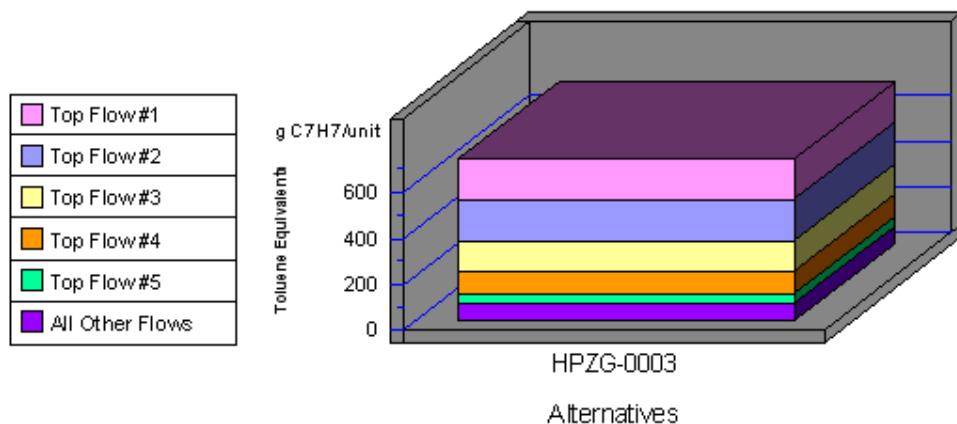


Category	HPZG-0003
First Cost	0.05
Future Cost-- 3.9%	0.00
<b>Sum</b>	<b>0.05</b>

\*No significant/quantifiable durability differences were identified among competing alternatives. Therefore, future costs were not calculated.

**BEES Results: Disposable Tableware**  
**Units: 1 disposable plate**

### Human Health by Sorted Flows\*



**Note: Lower values are better**

Category	HPZG-0003
Cancer-(a) Dioxins (unspecified)	177.68
Cancer-(a) Arsenic (As)	174.87
Cancer-(w) Phenol (C6H5OH)	132.30
Cancer-(w) Arsenic (As3+, As5+)	100.16
Cancer-(a) Atrazine (C8H14ClN5)	42.20
All Others	76.17
<b>Sum</b>	<b>703.38</b>

\*Sorted by the topmost flows for worst-scoring product

**BEES Results: Disposable Tableware****Units: 1 disposable plate**

Disposable Tableware		
Impacts	Units <sup>1</sup>	HPZG-0003
Acidification	millimoles H <sup>+</sup> equivalents	2.59E+01
Criteria Air Pollutants	microDALYs	7.16E-03
Ecological Toxicity	g 2,4-D equivalents	1.24E+00
Eutrophication	g N equivalents	4.73E-02
Fossil Fuel Depletion	MJ surplus energy	8.07E-01
Global Warming	g CO <sub>2</sub> equivalents	5.31E+01
Habitat Alteration	T&E count	0.00E+00
Human Health	g C <sub>7</sub> H <sub>8</sub> equivalents	7.03E+02
Indoor Air Quality	g TVOCs	0.00E+00
Ozone Depletion	g CFC-11 equivalents	1.93E-07
Smog	g NO <sub>x</sub> equivalents	3.17E-01
Water Intake	liters of water	1.84E+00
Functional Unit	-----	1 disposable plate

<sup>1</sup>Following are more complete descriptions of units: Acidification: millimoles of hydrogen ion equivalents; Criteria Air Pollutants: micro Disability-Adjusted Life Years; Ecological Toxicity: grams of 2,4-dichlorophenoxy-acetic acid equivalents; Eutrophication: grams of nitrogen equivalents; Fossil Fuel Depletion: megajoules of surplus energy; Global Warming: grams of carbon dioxide equivalents; Habitat Alteration: threatened and engangered species count; Human Health: grams of toluene equivalents; Indoor Air Quality: grams of Total Volatile Organic Compounds; Ozone Depletion: grams of chlorofluorocarbon-11 equivalents; Smog: grams of nitrogen oxide equivalents; and Water Intake: liters of water.